

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An automatic design system, comprising:

an automatic designing means for computing output value information in compliance with output value computing information containing computational expressions, based on input value information required for automatic design of a product;

a draughting information forming means for forming draughting information to display a drawing showing the input value information, the output value information, and a drawing showing a shape based on the input value information and the output value information;

an image displaying means for displaying [[a]] the drawing based on the draughting information such that the input value information, the output value information and the shape are displayed simultaneously and such that a portion of the shape to which the input value information corresponds and another portion of the shape to which the output value information corresponds are recognizable; and

an attribute changing means for changing a display attribute on [[a]] the drawing displayed by the image displaying means such that a display mode of the input value information is made different distinguishably from display modes of other information including the output information obtained by the automatic designing.

2. (currently amended): [[An]] The automatic design system, according to claim 1, wherein, when the output value information is changed, the attribute changing means changes the display attribute on the drawing displayed by the image displaying means such that a display

mode of changed output value information is made different distinguishably from display modes of other output value information.

3. (currently amended): [[An]] The automatic design system, according to claim 2, wherein the attribute changing means changes the display attribute such that a display mode of a shape of a portion that is changed following upon change of the output value information is made different distinguishably from display modes of shapes of other portions.

4. (original): An automatic design method, comprising:

an automatic designing step of computing output value information in compliance with output value computing information containing computational expressions, based on input value information required for automatic design of a product;

a draughting information forming step of forming draughting information to display a drawing showing the input value information, the output value information, and ~~a drawing showing~~ a shape based on the input value information and the output value information;

an image displaying step of displaying [[a]] the drawing based on the draughting information such that the input value information, the output value information and the shape are displayed simultaneously and such that a portion of the shape to which the input value information corresponds and another portion of the shape to which the output value information corresponds are recognizable; and

an attribute changing step of changing a display attribute on [[a]] the drawing displayed by the image displaying step such that a display mode of the input value information is made different distinguishably from display modes of other information including the output information obtained by the automatic designing.

5. (currently amended): [[An]] The automatic design method, according to claim 4, wherein, when the output value information is changed, the attribute changing step changes the display attribute on the drawing displayed by the image displaying step such that a display mode of changed output value information is made different distinguishably from display modes of other output value information.

6. (currently amended): [[An]] The automatic design method, according to claim 5, wherein the attribute changing step changes the display attribute such that a display mode of a shape of a portion that is changed following upon change of the output value information is made different distinguishably from display modes of shapes of other portions.

7. (currently amended): A computer program product including computer readable media having instruction to execute an automatic design program on a general purpose computing machine, the instructions comprising :

an automatic designing process of computing output value information in compliance with output value computing information containing computational expressions, based on input value information required for automatic design of a product,

a draughting information forming process of forming draughting information to display a drawing showing the input value information, the output value information, and ~~a drawing showing~~ a shape based on the input value information and the output value information,

an image displaying process of displaying [[a]] the drawing based on the draughting information such that the input value information, the output value information and the shape are displayed simultaneously and such that a portion of the shape to which the input value information corresponds and another portion of the shape to which the output value information corresponds are recognizable, and

an attribute changing process of changing a display attribute on ~~[[a]]~~ the drawing displayed by the image displaying step such that a display mode of the input value information is made different distinguishably from display modes of other information including the output information obtained by the automatic designing.

8. (previously presented): The computer program product according to claim 7, wherein, when the output value information is changed, the attribute changing process changes the display attribute on the drawing displayed by the image displaying process such that a display mode of changed output value information is made different distinguishably from display modes of other output value information.

9. (previously presented): The computer program product according to claim 8, wherein the attribute changing process changes the display attribute such that a display mode of a shape of a portion that is changed following upon change of the output value information is made different distinguishably from display modes of shapes of other portions.

10. – 18. canceled